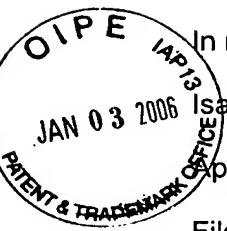


**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**



In re Patent Application of )

Isabelle NONOTTE et al. )

Application No.: 10/665,372 )

Filed: September 22, 2003 )

For: MANGANESE COMPOSITIONS FOR )  
TREATING SKIN VASCULAR TISSUE )  
AND COMBATING SKIN PALLOR )

Group Art Unit: 1616

Examiner: SHARMILA S GOLLAMUDI

Confirmation No.: 5014

**THIRD INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

The documents are being submitted within three (3) months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later. Since these documents are being filed within the time period set forth in 37 C.F.R. § 1.97(b), no fee or statement is required.

The following remarks are offered regarding the documents which are not in English.

JP 4-178313 is in Japanese. An English language abstract is provided to serve as a brief statement of relevance. Applicants do not have an English translation of this reference, which describes a cream exhibiting the effects of disinfection, sterilization of a mixture containing (a) an acetic acid ester, allantoin, cetanol, paraben, propylene glycol . . . and (b) a liquid mixed with hydrogen ion, sodium ion . . . manganese ion. There is no mention of an organic or inorganic manganese salt or of any effect on relaxing vascular cutaneous tissue and combating skin pallor.

JP10-194910 is in Japanese. An English language abstract is provided to serve as a brief statement of relevance. A machine-made English translation is also provided. This reference refers to a disinfecting composition having sterilizing effects without causing skin roughening comprising an acidic aqueous solution and iodide ions and manganese ions.

There is no mention of an organic or inorganic manganese salt or of any effect on relaxing vascular cutaneous tissue and combating skin pallor.

Applicants also wish to point out that the Nasu et al. article relates to the action of manganese with respect to the contraction/relaxation of smooth muscles. The conclusion suggests that  $Mn^{+2}$  (manganese ion) has both contrary effects, i.e. an inhibitory effect on calcium channels (relaxation), and an effect on cell permeability enhancing entry of calcium and so the contraction mechanism. Further, there is no mention of the use of manganese salt, especially not of organic manganese salts. Not only is there no mention of an organic or inorganic manganese salt, but there is no mention of any effect on relaxing vascular cutaneous tissue and combating skin pallor.

It is respectfully requested that the Examiner consider this statement and its enclosures and that an Examiner-initialed copy of the accompanying Form PTO-1449 be returned to the undersigned with the next official communication.

Respectfully submitted,

BUCHANAN INGERSOLL PC

Date January 3, 2006

By: Mary Katherine Baumeister  
Mary Katherine Baumeister  
Registration No. 26,254

P.O. Box 1404  
Alexandria, Virginia 22313-1404  
(703) 836-6620

### THIRD INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	1	of	1
-------	---	----	---

**Complete if Known**

<b>Application Number</b>	10/665,372
<b>Filing Date</b>	September 22, 2003
<b>First Named Inventor</b>	Isabelle NONOTTE et al.
<b>Examiner Name</b>	SHARMILA S GOLLAMUDI
<b>Attorney Docket Number</b>	016800-643

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

## NON-PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	NASU, Tetsuyuki, " <i>Actions of Manganese Ions in Contraction of Smooth Muscle</i> ", Gen. Pharmac., 1995, Vol. 26, No. 5, pp. 945-953, Elsevier Science Ltd., Great Britain

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.